

Surface Resistivity/Resistance Meter

model **262A**

Features:

- Meets ASTM Standard D257
- Convenient and accurate for survey work
- No cables or probes
- Measures both resistivity and resistance to ground
- Wide 10^4 to $10^{14}\Omega$ and Ω/\square ranges
- Fast and simple to use
- Rechargeable battery plus AC adapter
- No adjustments required



Easy to Use:

To measure resistivity:

1. Set the function switch to the OHMS/SQUARE position.
2. Place the test sample on a flat, non-conductive surface.
3. Position the Model 262A so both rails rest completely on the sample.
4. Set the power switch to ON and read the sample's resistivity on the LED display.

To measure resistance to ground simply connect a grounded lead to the instrument's GND jack, set the function switch to OHMS, and follow steps 3 and 4.

The handy, ASTM-standard way to check static control products:

The Model 262A provides convenient, accurate testing of resistance/resistivity of products ranging from ESD shielding bags to static dissipative mats to conductive work surfaces. The LED decade display minimizes the chance of reader error.

Resistivity (Ω/\square) is measured by placing the 262A's parallel electrode rails completely in contact with a flat sample. The geometry of the electrode assembly is such that current flow from one rail, across the sample, to the other rail is a direct indication of the sample's resistivity, which is read on the LED display. In the resistance-measuring mode, current flows from ground through the resistive material to the measurement electrode.



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Hand-held Surface Resistivity / Resistance Meter model 262A

Specifications:

Range: 10^4 to 10^{14} Ω or Ω/\square

Accuracy: $\pm\frac{1}{2}$ decade

Measuring Voltage:

Above 10^5 Ω of Ω/\square : 100 volts
 10^4 and 10^5 Ω or Ω/\square : 10 volts

Display Type: 11-decade LED measurement display plus low-battery LED

Power: Rechargeable battery with 100, 120, or 230 VAC adapter/charger supplied

Battery Life: Up to 8 hours continuous operation per charge

Electrode: Parallel bar type designed to ASTM D-257

Dimensions: 4 x 3½ x 5¾ inches (10 x 9 x 15 cm)

Weight: 2 lbs, 9 oz (1.2 kg)

Calibration:

Monroe Electronics instruments are factory-calibrated prior to shipment. Recalibration should be performed annually, or more frequently if specified by contract or company policy. Your instrument should also be recalibrated any time it has been repaired or tampered with. We are happy to recalibrate your instrument for you at a reasonable cost, or provide information and procedures on calibration upon request.

Warranty:

Monroe Electronics, Inc., warrants that each instrument and sub-assembly manufactured by them shall be free from defects in material and workmanship for a period of one year after shipment from the factory. This warranty is applicable to the original purchaser only.

The finest Electrostatic instrumentation and support:

For more than 40 years - ever since we invented the feedback-nulled electrostatic voltmeter, Monroe has been the technology and quality leader in electrostatic detection and measurement instrumentation. Today we offer the world's most complete array of fieldmeters, voltmeters, and resistivity meters. Our customers include the leading makers of photocopiers and laser printers, converters and microelectronics worldwide.

We know you need quality support as well as quality products. We pride ourselves on providing our customers with the most knowledgeable applications and installation support — as well as superior customer service.